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**From:** Wilson, Jennifer [wilson.jenniferA@epa.gov]  
**Sent:** 4/22/2020 2:44:40 PM  
**To:** Reinhart, Roger [Reinhart.Roger@epa.gov]; Rowsey, Kevin [rowsey.kevin@epa.gov]  
**Subject:** RE: Bi-Weekly Sampling at Plant GAC Treatment

Great! Thank you!

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**From:** Reinhart, Roger <Reinhart.Roger@epa.gov>  
**Sent:** Wednesday, April 22, 2020 9:32 AM  
**To:** Wilson, Jennifer <wilson.jenniferA@epa.gov>; Rowsey, Kevin <rowsey.kevin@epa.gov>  
**Subject:** RE: Bi-Weekly Sampling at Plant GAC Treatment

I also am dealing with another PFAS site where GAC filtration is being proposed to address private water contamination. I want to be consistent concerning the maintenance of such systems. I will try to contact Andrew this morning and let you know what I learn.

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**From:** Wilson, Jennifer <wilson.jenniferA@epa.gov>  
**Sent:** Wednesday, April 22, 2020 10:27 AM  
**To:** Reinhart, Roger <Reinhart.Roger@epa.gov>; Rowsey, Kevin <rowsey.kevin@epa.gov>  
**Subject:** RE: Bi-Weekly Sampling at Plant GAC Treatment

Hi Roger,

Please let me know because I need this information for another case. I was just going to ask if I can send an e-mail asking when Andrew changes out the GAC at the plant. The plant information is most important for the other case. Sorry, I didn't send this before. I pressed send too fast and then thought about it.

Thank you,  
Jenny

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**From:** Reinhart, Roger <Reinhart.Roger@epa.gov>  
**Sent:** Wednesday, April 22, 2020 9:24 AM  
**To:** Wilson, Jennifer <wilson.jenniferA@epa.gov>; Rowsey, Kevin <rowsey.kevin@epa.gov>  
**Subject:** RE: Bi-Weekly Sampling at Plant GAC Treatment

I'm a bit confused about the GAC change-out frequencies for both public and private water supplies. I had contacted Andrew Hartten yesterday concerning this issue. I will let you know when I hear back from him.

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**From:** Wilson, Jennifer <wilson.jenniferA@epa.gov>  
**Sent:** Wednesday, April 22, 2020 10:21 AM  
**To:** Rowsey, Kevin <rowsey.kevin@epa.gov>  
**Cc:** Reinhart, Roger <Reinhart.Roger@epa.gov>  
**Subject:** RE: Bi-Weekly Sampling at Plant GAC Treatment

Hi Kevin,

Thank you for the information. I didn't remember talking about it either.

Roger, do you know what the PFOA carbon changeout value is at Washington Works?

Thank you again,  
Jenny

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**From:** Rowsey, Kevin <[rowsey.kevin@epa.gov](mailto:rowsey.kevin@epa.gov)>  
**Sent:** Wednesday, April 22, 2020 9:16 AM  
**To:** Wilson, Jennifer <[wilson.jenniferA@epa.gov](mailto:wilson.jenniferA@epa.gov)>  
**Cc:** Reinhart, Roger <[Reinhart.Roger@epa.gov](mailto:Reinhart.Roger@epa.gov)>  
**Subject:** RE: Bi-Weekly Sampling at Plant GAC Treatment

Jenny,

I'm not sure what the threshold is for when they change the carbon at the WW facility. I'm assuming they use the lead filter concentration. I went back in my notes and I could only find where Andrew talked about what carbon they used, not the threshold for the changeout. The data for when they change it out seems to be inconsistent.

**Kevin Rowsey**  
Source Water & UIC Section  
Water Division  
U.S. EPA Region III  
1650 Arch Street  
Philadelphia, PA 19103  
Phone: 215.814.5463



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**From:** Reinhart, Roger <[Reinhart.Roger@epa.gov](mailto:Reinhart.Roger@epa.gov)>  
**Sent:** Wednesday, April 22, 2020 10:12 AM  
**To:** Wilson, Jennifer <[wilson.jenniferA@epa.gov](mailto:wilson.jenniferA@epa.gov)>  
**Cc:** Rowsey, Kevin <[rowsey.kevin@epa.gov](mailto:rowsey.kevin@epa.gov)>  
**Subject:** RE: Bi-Weekly Sampling at Plant GAC Treatment

Thanks Jenny,

I forwarded the monitoring results to Rick Rogers who asked to review them - he has not gotten back to me yet. When he does I will inform Andrew Hartten of our position. However,

Ex. 5 Deliberative Process (DP)

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**From:** Wilson, Jennifer <[wilson.jenniferA@epa.gov](mailto:wilson.jenniferA@epa.gov)>  
**Sent:** Wednesday, April 22, 2020 10:04 AM  
**To:** Reinhart, Roger <[Reinhart.Roger@epa.gov](mailto:Reinhart.Roger@epa.gov)>; Rowsey, Kevin <[rowsey.kevin@epa.gov](mailto:rowsey.kevin@epa.gov)>  
**Subject:** FW: Bi-Weekly Sampling at Plant GAC Treatment

Hi Roger and Kevin,

## Ex. 5 Deliberative Process (DP)

Also, I was wondering if you two know what PFOA value Chemours uses as a carbon changeout requirement at Washington Works? Have we ever seen that? I am guessing they have a value after the lead bed?

Thank you,  
Jenny

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**From:** Hartten, Andrew S <[Andrew.S.Hartten@chemours.com](mailto:Andrew.S.Hartten@chemours.com)>  
**Sent:** Monday, April 20, 2020 1:41 PM  
**To:** Reinhart, Roger <[Reinhart.Roger@epa.gov](mailto:Reinhart.Roger@epa.gov)>; Wilson, Jennifer <[wilson.jenniferA@epa.gov](mailto:wilson.jenniferA@epa.gov)>  
**Cc:** Parsons, Glennda <[glennda.parsons@chemours.com](mailto:glennda.parsons@chemours.com)>; Katherine Davis <[katherine.l.davis@aecom.com](mailto:katherine.l.davis@aecom.com)>; Bjorn Cuento <[bjorn.cuento@aecom.com](mailto:bjorn.cuento@aecom.com)>  
**Subject:** Bi-Weekly Sampling at Plant GAC Treatment

Hello Roger and Jenny,

Back in early 2018 when there were many questions concerning HFPO-DA and the like, we began monitoring the plant GAC Treatment system bi-weekly (i.e., PFOA and HFPO-DA). We have now been doing that for 24 months and have built a considerable database, and have gone through several carbon change outs documenting excellent treatment results.

I just wanted you to know that in May that we plan to go back to the normal "monthly" sampling we are required to do under the WV DOH permit for the treatment system.

Let me know if you see problems with this. We are trying to trim un-necessary costs in these tough economic times.

Thanks.....Andrew

**Andrew S. Hartten**  
Principal Project Manager-Corporate Remediation

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+ Ex. 6 Personal Privacy (PP)

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